

P^{ZE}2.40 P^{FE}2.45

BREMAT



FULLY AUTOMATED EPS MORTAR INSTALLATIONS

The installations of the **Bremat P-series** are available as a 'FE' or 'ZE' version.

The **FE version** is equipped with a double mixer with a worm pump. The installation can be used for producing and pumping viscous EPS-mortar.

For the production and pumping of semidry EPS-mortar, the **ZE version** can be delivered. This installation is equipped with a mixer vessel, in which EPS-mortar is mixed and subsequently pumped by using pressurised air.

Bremat P-series

The Bremat P-series are especially developed for the production and pumping of EPS-mortar with thermal and sound insulating qualities.

Constant high quality

From separate material compartments, EPS granules, binder, water and additives are horizontally transported to the mixer. The materials are precisely dosed to ensure that the mortar consists of the necessary qualities.

Excellent production capacity

Because of the low weight of EPS granules, it is possible to transport large quantities of bulk material, without exceeding the Gross Combined Weight.

Efficient production

Due to the self-reliant management of material transport, the purchase of raw materials and the automatic filling of the mixer, the material and labor costs are considerably lower. The installation also takes care of a significant improvement of the working conditions.



The FE version can produce and pump viscous EPS-mortar.



The ZE version can produce and pump semidry EPS-mortar.



The computer controlled system can be easily operated from the highly advanced touchscreen display.



Installations from the BreMAT P-series can also be mounted on a truck chassis.



For optimal driving characteristics the 2-axle semitrailer is standard equipped with a rod-steered steering axle.



The FE version can be equipped with a foam generator so the installation is suitable for producing foam mortar.

Several designs

The EPS mortar installations from the BreMAT P-series are mostly equipped with a 2-axle semitrailer, which is available in two lengths. Also the EPS and binder compartment can be executed in several sizes, so that the installation is adjusted to the specific wishes of the customer. The two most common versions are mentioned in the table with technical specifications.

Efficient construction

The installation is build up from a power pack with water, diesel and hydraulic tanks on the front side of the installation. The water tank with a contents of as much as 2.675 litres, serves as a buffer for a constant water supply. The whole is fully integrated within an box body construction. While the binder compartment is located on the backside we combined optimal weight distribution with durable techniques and an acceptable cost price.

Horizontal production system

With a highly reliable conveyor system with horizontal sweeper elements, the EPS beads are transported to a hopper in the floor. The EPS-granules are subsequently transported with a screw conveyor and perfectly dosed to the mixer. The mixer unit is equipped with 4 weighing indicators. These guarantee the perfect dosage of binder, according to the values which are put in on the touchscreen controls.

Ease of use

Installations from the BreMAT P-series have a very complete standard equipment, with for example a mortar hose reel, a high-pressure cleaner and a lot of storage space. The computer controlled system can easily be operated from the advanced touchscreen control panel and can furthermore be controlled with a remote control.

Certification and quality control

Machines from the P-series comply to the Machine Directives and have been inspected and approved by several Notified Bodies.

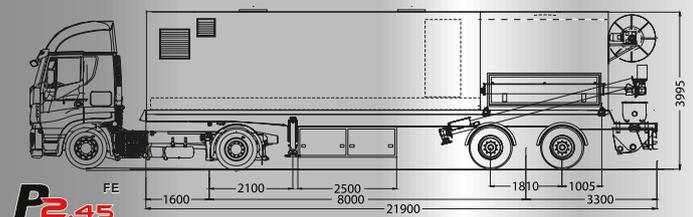
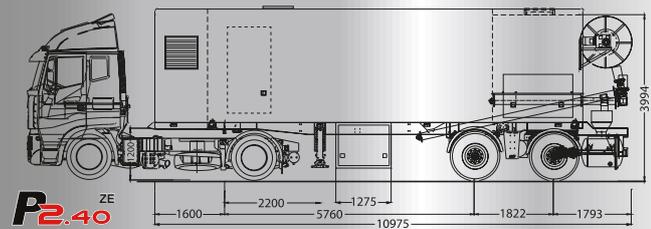
Technical specifications*1

Type	P2.40 ZE	P2.45 FE
Diesel engine	John Deere 4045 TFC 03 - 4 cylinder	
Capacity	55 kW (74 hp) at 2.400 rpm	
Contents fuel tank	300 l	
Compressor	5.600 l/min, 9 bar	440 l/min, 10 bar
Generator	19 kVA, 15 kW, 3.000 rpm	
Pumping capacity EPS mortar (viscous) *2		up to 12,5 m ³
Pumping capacity EPS mortar (semidry) *2	up to 6 m ³ /hour	
Contents quick mixer		400 l
Contents supply mixer		800 l
Contents mixer vessel	250 l	
Contents EPS compartment	40 m ³	45 m ³
Contents binder compartment	6 m ³	10 m ³
Contents water tank	2.675 l	
Tare *3	13.000 kg	15.000 kg
Maximum king-pin pressure	18.000 kg	
Maximum axle loads	20.000 kg (2 x 10 t)	
Sound level EU-RL 2000/14/EC	106 Lwa	

*1 Subject to alteration

*2 Depending on the used materials

*3 Depending on equipment



The expert in screedpumps

Bremat is specialised in the development and production of fully automated mobile mortar installations. There are worldwide hundreds of BreMAT installations that are being used on a daily basis for producing semidry and self levelling floor screed.

Furthermore BreMAT delivers customer specified solutions for the mixing and pumping of several types of mortar, including EPS insulation mortar, foam mortar and PUR-materials.



We are ready to help you with the best machines and optimal service!

BREMAT

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